

INTERNATIONAL SEARCH REPORT

International Application No

/DK2004/000699

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/10 C12N15/75 C12Q1/68
 //(C12N15/75,C12R1:125)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, PAJ, MEDLINE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | <p>NOONE DAVID ET AL: "YkdA and YvtA, HtrA-like serine proteases in Bacillus subtilis, engage in negative autoregulation and reciprocal cross-regulation of ykdA and yvtA gene expression"</p> <p>JOURNAL OF BACTERIOLOGY, vol. 183, no. 2, January 2001 (2001-01), pages 654-663, XP002266733</p> <p>ISSN: 0021-9193</p> <p>cited in the application figure 2</p> <p style="text-align: center;">----- -/--</p> | 1-25 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

26 November 2004

Date of mailing of the international search report

03/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | DARMON ELISE ET AL: "A novel class of heat and secretion stress-responsive genes is controlled by the autoregulated CsrRS two-component system of Bacillus subtilis" JOURNAL OF BACTERIOLOGY, vol. 184, no. 20, October 2002 (2002-10), pages 5661-5671, XP002266739 ISSN: 0021-9193 figures 3,4,8 | 1-25 |
| X | SPIESS CHRISTOPH ET AL: "A temperature-dependent switch from chaperone to protease in a widely conserved heat shock protein" CELL, vol. 97, no. 3, 30 April 1999 (1999-04-30), pages 339-347, XP002266735 ISSN: 0092-8674 cited in the application table 2 | 1-6,16, 17,21-25 |
| X | GRIFFITH DOUGLAS ANDREW ET AL: "A novel yeast expression system for the overproduction of quality-controlled membrane proteins." FASEB JOURNAL, vol. 17, no. 4-5, March 2003 (2003-03), page Abstract No. 369.8, XP008026411 FASEB Meeting on Experimental Biology: Translating the Genome;San Diego, CA, USA; April 11-15, 2003 ISSN: 0892-6638 (ISSN print) the whole document | 1-3,16, 17,21-25 |
| X | WO 96/08561 A (CHAUDHURI BHABATOSH ;CIBA GEIGY AG (CH); STEPHAN CHRISTINE (FR)) 21 March 1996 (1996-03-21) the whole document | 1-3,16, 17,21-25 |
| A | NOONE DAVID ET AL: "Expression of ykdA, encoding a Bacillus subtilis homologue of HtrA, is heat shock inducible and negatively autoregulated" JOURNAL OF BACTERIOLOGY, vol. 182, no. 6, March 2000 (2000-03), pages 1592-1599, XP002266737 ISSN: 0021-9193 cited in the application table 2 | 1-25 |
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | <p>DARTIGALONGUE CLAIRE ET AL: "Characterization of the Escherichia coli sigmaE regulon" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 276, no. 24, 15 June 2001 (2001-06-15), pages 20866-20875, XP002266738 ISSN: 0021-9258</p> <p>-----</p> | |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

T/DK2004/000699

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
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| | | | WO 9608561 A1 | 21-03-1996 |
| | | | EP 0783574 A1 | 16-07-1997 |
| | | | FI 971034 A | 12-03-1997 |
| | | | HU 76973 A2 | 28-01-1998 |
| | | | JP 10506271 T | 23-06-1998 |
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